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Docket No.: P0743/7001 (SJH)

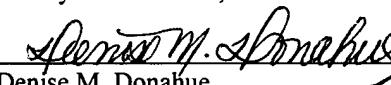
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Erik R. Deutsch
Serial No: 09/975,169
Confirmation. No.: 9099
Filed: October 11, 2001
For: ACTUATABLE DIFFRACTIVE OPTICAL PROCESSOR

Examiner: Cherry, Euncha P.
Art Unit: 2872

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 22nd day of December, 2004.



Denise M. Donahue

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- Amendment
- Return Receipt Postcard
- Copy of IDS filed February 5, 2002 and July 26, 2002

Fee Calculation Sheet

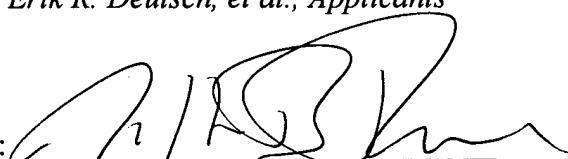
CLAIMS	FOR	NUMBER PREVIOUSLY PAID FOR	NUMBER EXTRA	RATE	FEE			
	TOTAL CLAIMS REMAINING AFTER AMENDMENT (37 CFR 1.16(c))	30-41=	0	\$ 50.00	= \$ 0.00			
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	2-4=	0	\$ 200.00	= \$ 0.00			
Fee for Petition for Extension of Time (if any)					\$ 0.00			
Other Fees (if any)					\$ 0.00			
		Total of above Calculations =			\$ 0.00			
Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)					\$ 0.00			
TOTAL =					\$ 0.00			

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/2762. A duplicate of this sheet is enclosed.

Respectfully submitted,
Erik R. Deutsch, et al., Applicants

By:


Jeffrey B. Powers, Reg. No. 45,021
LOWRIE, LANDO & ANASTASI, LLP
Riverfront Office Park
One Main Street
Cambridge, MA 02142
(617) 395-7000

Date: December 22, 2004



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Denise M. Donahue
Denise M. Donahue

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed September 23, 2004, please amend the above-identified application as follows. Changes to the Claims are shown by strike through (for deleted matter) and underlining (for added matter).

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.